



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/551,855	07/26/2006	Axel Busboom	P16731-US1	6153
27045	7590	08/21/2009	EXAMINER	
ERICSSON INC. 6300 LEGACY DRIVE M/S EVR 1-C-11 PLANO, TX 75024			CHAI, LONGBIT	
			ART UNIT	PAPER NUMBER
			2431	
			MAIL DATE	DELIVERY MODE
			08/21/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/551,855	Applicant(s) BUSBOOM ET AL.	
	Examiner LONGBIT CHAI	Art Unit 2431	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 June 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 October 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2431

DETAILED ACTION

1. Currently pending claims are 1 – 30.

Response to Arguments

2. Applicant's arguments filed on 6/12/2009 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn and, upon further consideration, a new ground(s) of rejection has been made – PROSECUTION IS HEREBY REOPENED.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1 – 30 are rejected under 35 U.S.C. 102(b) as being anticipated by Epstein (U.S. Patent 6,023,510).

As per claim 1, 12, 19, 22 and 28 – 30, Epstein teaches a method for provision of access for a data requesting entity (Epstein: Column 3 Line 36 – 51: user terminal is equivalent to a data requesting entity) to data related to a principal (Epstein: Column 3 Line 43 – 51 / Line 64: the user information (e.g. user public key, random number and etc.) included in the access request query package / message is qualified as a principal), comprising the following steps:

Art Unit: 2431

creating an access granting ticket (Epstein: Column 3 Line 36 – 51: the access request query package / message including the user information (e.g. user public key, user random number and etc.) is qualified as an access granting ticket) comprising:

(a) an access specification specifying a permission for an access to data related to the principal, said data being available at a data providing entity (Epstein: Column 3 Line 36 – 51 / Line 64: the user information (e.g. user public key, user random number and etc.) included in the access request query package / message is qualified as an access specification which determines / specifies whether or not the access permission can be granted by the content server (i.e. data providing entity)),

(b) a principal identifier representing the principal towards the data providing entity (Epstein: Column 3 Line 43 – 51 / Line 64: the user information (e.g. user public key, user random number and etc.) included in the access request query package / message is qualified as a principal);

encrypting the access granting ticket with an encryption key of the data providing entity (Epstein: Column 3 Line 50 – 51).

communicating to the data requesting entity the encrypted access granting ticket accompanied by an identifier of the data providing entity (Epstein: Column 3 Line 36 – 42 / Line 50 – 51: (a) the access request message is encrypted with content server's public key and (b) content server's public key can be considered as an identifier of the data providing entity),

communicating from the data requesting entity to the data providing entity a request comprising the encrypted access granting ticket (Epstein: Column 3 Line 41: encrypted data access query package / message),

decrypting the encrypted access granting ticket with a decryption key of the data providing entity corresponding to the encryption key (Epstein: Column 3 Line 50 – 51),

Art Unit: 2431

providing to the data requesting entity access to data related to the principal identifier according to the access specification (Epstein: Column 4 Line 6 – 11 and Column 7 Line 21 – 30: data is downloaded to the user terminal).

As per claim 2, 13 and 23, Epstein teaches the encrypted access granting ticket comprises or is accompanied by verification information and access is provided based on an analysis of the verification information (Epstein: Column 3 Line 36 – 42 / Line 50 – 51: the encrypted access granting ticket comprises verification information as presented above).

As per claim 3 and 24, Epstein teaches the request to the data providing entity comprises a specification for requested data related to the principal and access is provided according to a matching of the access specification and the requested data (Epstein: Column 6 Line 56 – 64).

As per claim 4, 14 and 21, Epstein teaches the access granting ticket is created based on a data storage correlating at least two items of a group comprising the identifier of the data providing entity, the data related to the principal available at the data providing entity, the principal identifier, the encryption key, and the access specification (Epstein: Column 3 Line 36 – 42 / Line 50 – 51).

As per claim 5 and 15, Epstein teaches an indication for the access specification is entered into a principal entity to create the access granting ticket (Epstein: Column 3 Line 36 – 37: the user information is entered and thus available at the user terminal device).

Art Unit: 2431

As per claim 6, 16 and 25, Epstein teaches the access granting ticket further comprises security information and access is provided based on an analysis of the security information (Epstein: Column 3 Line 36 – 42 / Line 50 – 51).

As per claim 7, 8 and 17, Epstein teaches the encrypted access granting ticket is accompanied by public information (Epstein: Column 3 Line 36 – 42 / Line 50 – 51: the encrypted access granting ticket indeed comprises content server's public key information).

As per claim 9 and 26, Epstein teaches the decryption is based on an analysis of the public information (Epstein: Column 3 Line 36 – 42 / Line 50 – 51: the decryption of the access granting ticket is based upon content server's public key information).

As per claim 10 and 27, Epstein teaches the data to which access is provided to is transferred to the data requesting entity (Epstein: Column 4 Line 6 – 11 and Column 7 Line 21 – 30: data is downloaded to the user terminal).

As per claim 11 and 18, Epstein teaches at least one further encrypted-access granting ticket for further data related to the principal available at least one further data providing entity is created and communicated to the data requesting entity for provision of access to the further principal related data available at the at least one further data providing entity, the at least one

Art Unit: 2431

further encrypted access granting ticket being accompanied by at least one further identifier of the at least one further data providing entity (Epstein: Column 3 Line 36 – 42 / Line 50 – 51).

As per claim 20, Epstein teaches at least one of the first encrypted access granting ticket and the further encrypted access granting ticket is accompanied by public information and the processing unit is adapted to analyze the public information before the generation of at least one of the first request and the further request (Epstein: Column 3 Line 36 – 42 / Line 50 – 51: (a) encrypted access granting ticket comprises public information such as content server's public key information (b) the generation of the encryption for the request represented by encrypted access granting ticket must analyze the content server's public key information first prior to using its public key for encryption).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LONGBIT CHAI whose telephone number is (571)272-3788. The examiner can normally be reached on Monday-Friday 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William R. Korzuch can be reached on 571-272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2431

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Longbit Chai/

Longbit Chai Ph.D.
Primary Patent Examiner
Art Unit 2431
8/17/2008